

REGION V  
HAZARDOUS MATERIAL ENFORCEMENT AND RESPONSE PROGRAM

EPA Region 5 Records Ctr.



393385

SITE NAME New Jersey Zinc : (815) 477-4100  
 SITE ADDRESS Depue, Ill  
 HOW/DATE IDENTIFIED STATE REPORT  
 SITE DESCRIPTION 1

WASTE RELATED INFORMATION  
 HAZARD IDENTIFICATION

| DATE    | COMMENT   |
|---------|---|
| 9-15-80 | This site was identified as a result of Eckhardt site inspection <sup>report</sup> of mobil chemical Co. in Depue. Report describes a large gob pile on N.J.Z. property adjacent to mobil chemical property. The gob pile is the result of zinc extraction operations. The pile is notorious for erosion. |

Plant Mgr.

David W. Claus

Plant Manager

U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
HAZARDOUS MATERIAL ENFORCEMENT AND RESPONSE PROGRAM

SITE NAME New Jersey Zinc  
SITE ADDRESS Depue, Ill  
HOW/DATE IDENTIFIED Eckhardt site inspection report  
SITE DESCRIPTION land fill

WASTE RELATED INFORMATION  
HAZARD IDENTIFICATION

DATE COMMENT

9-15-80 This site was identified as a result of Eckhardt site inspection <sup>report</sup> of mobil chemical Co. in Depue. Report describes a large gob pile on N.J.Z. property adjacent to mobil chemical property. The gob pile is the result of zinc extraction operations. The pile is notorious for erosion.

I then raised my doubts as to the suitability of Shell's disposal site as it is a low lying area with little or no geologic study ever being made. Topographic maps make this site appear unsuitable.

Shell has agreed to submit a more complete analysis of the questionable wastes and to begin a preliminary hydrogeologic study of the disposal area. They will report to the Agency on their results. At that time we can more readily determine the extent of their responsibilities in waste disposal.

#### Category II -- Miscellaneous -- Rockford

Bureau County  
DePue/Mobil Chemical Company

The information for the Mobil Chemical Company site came from the Region's DePue/New Jersey Zinc file and Division of Water Pollution Control in Rockford. Division of Water Pollution Control apparently has jurisdiction of Mobil due to the company's on site cooling lagoons and thence to the Illinois River. The Mobil facility makes ammonia-phosphate fertilizer. This results in a waste by-product consisting of gypsum. This gypsum is disposed on Mobil property and is in the range of 40-50 acres with an elevation of approximately 50 feet at the center. No other waste is known to be disposed at the site and it should be pointed out that the  $P_{2}O_{5}$  discharge only causes an increase in algae growth in the stream. No other polluting effects are known. This site is located adjacent to a large gob pile which is the result of zinc extraction operations by a company known as New Jersey Zinc. This large dark gob pile is notorious for erosion and is suspected to be the major contributor to the silting-in of Lake DePue. Division of Water Pollution Control is also presently handling enforcement activities at this site (New Jersey Zinc).

Whiteside County/LPE #19502504  
Fulton/Agrico

The list of hazardous waste disposal sites compiled by Representative Eckhart states that the Agrico plant in Fulton still has an active landfill on its property, even though our regional files indicate that it has been closed and covered.

Today, I visited Mr. Buikeman, the Agrico Terminal Manager in Fulton, to determine the real status of the site in question. Mr. Buikeman told me that no waste had been disposed of on the Agrico property since the IEPA file on it was closed. A tour of the plant followed: what had been the area comprising the settling ponds and lagoons has been dug up and is now part of the Mississippi River, and a barge pier is under construction nearby. I was shown the old general refuse fill area; final cover still seems to be adequate. Mr. Buikeman stated that all general refuse is now handled by a waste disposal trucking service, and after the interview ended, I did see a packer truck arrive to pick up refuse.

*Cepat & Marguerite Sts.*

to have been used for disposal from 1961 to 1971. At time of use, site was publicly owned. Site is still in use, having closed in 1975. Chemical components of waste disposed at this site include heavy metals and trace metals (bonded organically and inorganically), organics, inorganics and miscellaneous material. Methods of disposal include mono industrial waste landfill, mixed industrial waste landfill and drummed waste landfill.

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#### DePue

Mobil Chemical Co-DePue Plant  
Depot & Marquette Streets 61322

Site is located on property of chemical plant participating in survey and is known to have been used for disposal from 1967 to 1979. Site is still being used. Amount of chemical process waste disposed of at this site through 1978 was reported as 60,981 hundred tons. Chemical components of waste disposed at this site include acid solutions (with pH 3), heavy metals and trace metals (bonded organically and inorganically), radioactive residues (with

Mobil Chemical Co., P.O. Box 674, Depot & Marquette Sts., DePue, Illinois. Six lagoons. WPC has file. SIA rated. NPDES permit.

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over 50 pico-curies per gram), organics, inorganics and miscellaneous material. Methods of disposal include mono industrial waste landfill, mixed industrial waste landfill, pits, ponds and lagoons and reprocessing and/or recycling.

#### Des Plaines

Sexton Landfill, Address Unreported

Site is not located on property of chemical plant participating in survey, but is known to have been used for disposal from 1978 to 1979. At time of use, site was owned by private concern other than chemical company included in this survey. Site is still being used. Chemical components of waste disposed at this site include acid solutions (with pH 3), base solutions (with pH 12), heavy metals and trace metals (bonded organically and inorganically), organics, inorganics and miscellaneous material. Methods of disposal include mono industrial waste landfill, mixed industrial waste landfill, pits, ponds and lagoons, deep well injection and treatment (e.g.: neutralization).

Des Plaines/Sexton 03106301. Operating site with permit. Has accepted special waste with supplemental permits. Groundwater monitoring.

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